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For
Wm William Prince
From His much respected
Friends &c.
John Bartram & Son

62.73

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Robt Carr
Care of Col Geo Bartram
No 68 South Seventh
Philad[illegible]

A

CATALOGUE

OF

TREES, SHRUBS,

AND

HERBACEOUS PLANTS,

INDIGENOUS TO THE UNITED STATES OF AMERICA;

CULTIVATED AND DISPOSED OF BY

JOHN BARTRAM & SON,

At their Botanical Garden, Kingsess, near Philadelphia.

TO WHICH IS ADDED

A

CATALOGUE

OF

FOREIGN PLANTS,

COLLECTED FROM VARIOUS PARTS OF THE GLOBE.

PHILADELPHIA:

PRINTED BY BARTRAM AND REYNOLDS, NO. 58, NORTH SECOND-STREET.

.....

1807.

ADVERTISEMENT.

WE return thanks to our friends for many valuable presents of rare plants, which have served to increase the variety and usefulness of our collection; and to the public for their encouragement, which has enabled us to render the garden worthy of the general resort of travellers, and the lovers of horticulture.

The following catalogue contains the names of all the plants, both domestic and foreign, which are cultivated and for sale at the Kingsess Botanic garden,—where are disposed of, seeds of American and foreign plants, on the most reasonable terms.

N. B. The curious, by making timely application, may be furnished with dried specimens, of American and foreign plants, &c.

PREFACE.

AT the repeated request of our correspondents and friends, both in Europe and at home, to furnish them with a *Catalogue* of the plants of *Kingsess Botanic Gardens;* we have undertaken the task, though arduous, and now present them with the following alphabetical arrangement of them, in three orders, *viz.*

I. TREES and SHRUBS. II. HERBACEOUS PLANTS and GRASSES. III. FERNS, MOSSES and FUNGI. And for the greater conveniency of gardeners and purchasers, we have given them under two divisions or chapters, *i. e.* I. INDIGENOUS. II. EXOTIC.

As this *Nomenclature* is intended principally for the use of the Gardener and Agriculturalist, we have, therefore, given the generally approved names, as exhibited in Linnæus's *Systema Vegetabilium*, and *Species Plantarum*, and for such as have been discovered and named since the last edition of Linnæus, we have consulted *Willdenow*, the *Hort. Kewensis*, *Walter's Flora Caroliniensis*, and other moderns; but have rejected the innovations introduced by some late botanists of eminence and ability, as being of little or no benefit in practical gardening, leaving them for the amusement of systematic botanists and scientific gentlemen, who may at their pleasure recur to their works.

As several of the articles enumerated in this Catalogue have been lately discovered, and have not yet been established in foreign botanical publications; and, as there are some others of which it is difficult to determine the species, owing to vague descriptions and contradictory synonyms, we have taken the liberty to give names to these, which may be either altered or established, as further researches shall develop their true character. But as these are few, and as we have made use of terms descriptive and characteristic, we trust to the liberality and

candour of our correspondents; and request as a favour, that our friends and the ingenious Botanists, who may consider our errors as not beneath their notice and criticism, will be so candid as freely to point them out for our information, that we may be enabled to give to the public a more correct and useful edition in future.

KINGSESS GARDENS were begun about 80 years since, by JOHN BARTRAM the elder, at a time when there were no establishments of this nature in Pennsylvania, if any in the colonies, unless we may except that of Doctor Clayton, in Virginia, which, though inferior in extent, was furnished with a considerable variety. They are situated on the west banks of the Schuylkill, four miles from Philadelphia, and contain about eight acres of land. The mansion and green houses stand on an eminence from which the garden descends by gentle slopes to the edge of the river; and on either side the ground rises into hills of moderate elevation, to the summits of which its borders extend. From this scite are distinctly seen the winding course of the Schuylkill, its broad-spread meadows and cultivated farms, for many miles up and down; and the river Delaware, with the variety of vessels which it is constantly bearing to and from the metropolis of America. Beyond this there is an uninterrupted view of the Jersey shore, from the eastern to the southern horizon. The whole comprehends an extensive prospect, rich in the beauty of its scenery and endless in diversity.

The worthy founder of these gardens, discovered in his early youth, a love for philosophy, and natural history in general. He was, however, particularly drawn to the study of Botany, from considering the importance of vegetables in the practice of medicine, and their indispensable use in the various departments of human economy. But at that time Botany was but little attended to in America; and in the old world the works of the great Linnæus had not appeared; he had, therefore, no other aid in studying the great book of nature than his own persevering genius. His view in the establishment was to make it a deposite of the vegetables of these United States, (then British Colonies), as well as those of Europe and other parts of the earth, that they might be the more convenient for investigation. He soon furnished his grounds with the curious and beautiful vegetables in the environs, and by degrees with those more distant, which were arranged according to their natural soil and situation, either in the garden, or on his plantation, which

consisted of between 200 and 300 acres of land, the whole of which he termed his garden

The novelty of this horticultural scene, attracted the notice of the ingenious and curious; and coming to the knowledge of Europeans, several scientific men in England, particularly of the Royal Society, united to encourage the founder to undertake journeys towards the western frontiers, in order to discover and collect curious and nondescript productions in nature, particularly vegetables, that they might be sent to Europe.

Thus these extensive gardens became the Seminary of American vegetables, from whence they were distributed to Europe, and other regions of the civilized world. They may with propriety and truth be called the *Botanical Academy of Pennsylvania*, since, being near Philadelphia, the Professors of Botany, Chemistry, and Materia Medica, attended by their youthful train of pupils, annually assemble here during the Floral season.

The revered founder lived to see his garden flourish beyond his most sanguine expectations, and extend its reputation both at home and abroad, as the Botanic Garden of America. In this condition it descended to his son, whose care it has been to preserve its well-earned fame, as well by continuing the collection already there, as by making annual excursions to increase the variety. Finding old age coming on, he has lately associated his son with him in the concern, and hopes by their united exertions, the gardens will continue to be worthy of the attention of the lovers of science and the admirers of nature.

IN order to make the Catalogue more useful, we have affixed alphabetical letters to the names in the margin, which refer to the soil and situation in which they naturally grow. Those which require shelter in the winter season, are marked thus (†), such as require the green-house, thus (§), and those which require a stove are distinguished by an asterisk (*).

a A good moist, loose soil.
b A good upland or forest soil, loamy on clay.
c With moist and shady situation.
d A moist loamy soil on clay.
e Richest deep and loamy soil.
f Wet sandy or boggy soil.
g Moist sandy soil.
h A moist rich soil in mountains.
i Light, sandy, dry ridges.
o Any good soil.
† Require shelter in winter.
§ Require a green-house.
* Require a stove or hot-house.

Abbreviations of Authorities cited in this Catalogue.

Auth.	Author of this catalogue.
Bart.	Barton.
Clayt.	Clayton's Flora Virginica.
Ham.	Hamilton.
Hort. Kew.	Hortus Kewensis.
Hos.	Hosack.
Mich.	Michaux.
Muh.	Muhlenberg.
Syst. Veget.	Systema Vegetabilium.
Walt.	Walter's Flora Caroliniensis.
Willd.	Willdenow
You Cat.	Young's Catalogue of American Plants.

CATALOGUE.

TREES AND SHRUBS.

d. ACER rubrum
saccharinum
negundo
pensylvanicum
h. montanum *Hort. Kew.*
canadense
striatum *Hds.*
d. glaucum
macrocarpon *Auth.*
b. Æsculus flava
parviflora
macrostatchya *Mich.*

a Æsculus pavia
pumila
With numberless varieties in colour of the flower, and in stature.
d. Alnus rubra *Auth.*
serrulata *H. Kew.*
glauca
canadensis
autumnalis vel ovata.* *Auth.*
o Amorpha fruticosa
emarginata vel cerulea *Auth.*
herbacea
g Andromeda arborea

* We have thought it most proper to follow the arrangement of the antient, as well as many of the modern botanists, in placing the Alders and Birches under two distinct genera.

The most prominent marks of distinction between the two genera, we shall briefly point out. The Alders are all shrubs and the Birches trees. Secondly, the cones of the former are always found in clusters, with two, three or more attached to one common peduncle, or foot-stalk. Of the latter the cones are solitary, or but one to a peduncle And lastly, another very striking difference remains to be noticed, *viz.* that the squamæ composing the cones of the alder, are persistent, or continuing on the shrub a considerable time after the seed hath arrived at the state of maturity. But of the Birch the squamæ are deciduous, or falling off soon after the seed is ripe.

g. Andromeda paniculata
racemosa
mariana
calyculata
axillaris
formosa } *Auth.*
acumi- } *o Irt.*
nata } *Kew.*
coriacea } *H. K.*
nitida } *Auth.*
polyfolia
pulverulenta
Auth.

e. Annona triloba
glabra

a. Aralea spinosa
hispida *Auth.*

g. Arbutus canadensis

e. Aristolochia sipho

i. Ascyrum crux andreæ
hypericoides

AZALÆA.

Ord. I. NUDIFLORÆ.

d. Azalæa nudiflora
coccinia
rutilans
dissecta vel partita
carnea
tricolor

Ord. II. VISCOSÆ.

Azalæa viscosa
odorata
vittata
floribunda
glauca
verticillata* *Auth.*

o. Baccharis halimifolia
Berberis occidentalis } *Auth.*
— canadensis } *Hort. Kew.*
§ Befaria hirsuta
d. Betula nigra
lenta } *Clayt.*
nigra }
papyracea
populifolia
pumila
Bignonia radicans
crucigera
sempervirens
catalpa

a § Callicarpa americana
o. Calycanthus floridus
a. Carpinus ostrya
virginiana
Castanea occidentalis } *Auth.*
pumila }
o. Ceanothus americanus
Celastrus scandens
Celtis occidentalis
Cephalanthus occidentalis
Cercis canadensis
a. Chionanthus virginica
Cissampelos smilacina
Clethra arboræa
alnifolia†
o Comptonia asplenifolia
a Cornus florida
alternifolia
cercinata

* Linnæus and most other botanists after him, suppose that all our species of Azalæa are varieties of Azalæa nudiflora and Azalæa viscosa.

† Our botanists make several other species of Clethra; but we think them only varieties of Clethra alnifolia.

a. Cornus alba
sericea
canadensis
h. herbacea
a. Corylus americana
rostrata *Muh.*
cornuta *Auth.*
b. Crategus coccinia
viridis
tomentosa
crus-galli
multifida
trifida
flava
pyrifolia
g. Cupressus disticha
thyoides
Diospyros virginiana
e. Dirca palustris
o. Epigæa repens
h. Euonimus americanus
atropurpureus
d. Fagus ferruginea
Fothergilla gardeni
Franklinia florida
Fraxinus alba
nigra
c. Gaultheria procumbens
a. Gleditsia monosperma
triacanthos
Glycine frutescens
Gordonia pubescens *Hort. Kew.*
Gordonia lascianthus
Guilandina dioica
Gymnocladus —— *Mich.*
Halæsia tetraptera
a. Hamamelis virginica
Hedera quinquefolia *Ampelopsis.*
cordifolia *Mich.*
arborea
Hopea tinctoria
Hudsonia ericoides
† Hydrangea quercifolia
glauca *Willd.*
radiata
a. frutescens
Hypericum kalmianum
macrocarpon
frutex *Auth.*
angustifolium
Ilex opaca
§ cassine
vomitoria
g. angustifolia
lurida *Auth.*
canadensis *Mich.*
§*a.* Illicium floridanum
Itea virginica
cyrilla*
b. Juglans sativa *Auth.*
amara
hicory rigida *Aut.*
balsamica
lenta
cinerea
nigra
alba
Varieties innumerable.
Juniperus virginica
pseudosabina *Auth.*
Kalmia latifolia
angustifolia
g. hirsuta
glauca

* Linnæus calls this plant Cyrilla racemiflora; but we are of opinion that it belongs neither to the genus Cyrilla or Itea, but should constitute a new one.

e. Laurus sassafras
benzoin
melissæfolia } *Walt.*
æstivalis } *Willd.*
æstivalis } *Auth.*
geniculata } *Walt.*
borbonia
g. Ledum thymifolium
palustre
a. Liquidambar styraciflua
Liriodendron tulipifera
Lonicera sempervirens
simphoricarpos
media *s.* dioica *Wild.*
h. diarvilla
chamæcerasa
§a Lycium floridanum *Auth*
Magnolia grandiflora
glauca
tripetala
acuminata
auriculata* *Auth.*
Menispermum canadense
b. Mespilus nivæa
canadensis
arbutifolia
prunifolia
pumila
g. Mitchella repens
o. Morus rubra†
§a. Mussenda bracteata *Auth.*
Myrica cerifera
gale
Nyssa aquatica
coccinia
Nyssa denticulata (*water tupelo*)
§ Olea americana
Philadelphus inodorus

PINUS.

Ord. I. PINI. PINES.

a. Pines which have many leaves proceeding from a sheath at their base—
Pinus strobus
inops } *Hort. Kew.*
echinata } *Auth.*
toeda
alopecuroidea *H. Kew.*
Foxtail Pine.
resinosa } *H. K.*
lutea } *Auth.*
palustris } *Auth.*
macrophilla }
Broom Pine.
pendula *Hort. Kew.*
American larch.

Ord. II. ABIETES. FIRS, with a single leaf distinct at the base—
d. Pinus canadensis
balsamea
rubra
nigra
alba *H. K.*
Platanus occidentalis
§ Populus heterophylla
balsamifera
angulata *Cotton tree of Carolina.*

* It appears that there are many varieties, particularly in the species Magnolia glauca, Magnolia auriculata, and Magnolia macrophilla, which are discovered daily by travellers of observation and curiosity; particularly in the western parts of the southern states.

† This species of morus produces many varieties in the figure of the leaf, size and colour of the fruit, as black, deep crimson, or red and white.

Populus lævigata } *H. K.*
monilifera }
Prinos verticillatus
glaber
lævigatus }
nebulatus } *Aut.*
pensylvanicus }

PRUNUS.

CERASI.

a. Prunus sylvestris *Auth.*
Wild Cherry.

PRUNI.

Prunus americana *Great*
Red plumb.
angustifolia }
chicasaw } *Auth.*
maritima *Sea shore*
Plumb.
pumila
floridana *Auth.*

PADI.

Prunus virginica *Wild or*
Bird Cherry
pensylvanica
caroliniana
montana
o. Ptlia trifoliata
h. Pyrola maculata
rotundifolia
umbellata
a. Pyrus coronaria
b. Quercus alba
rubra
tinctoria
villosa
heterophylla
sinuata
ramosissima
d. palustris *Mich.*

Quercus nigra
l. paludosa
a. aquatica
virens
phellos
prinus
glauca
pumila *Banisteri.*
Mich.
chinquapin *Auth.*
Dwarf chesnut oak.
macrocarpon *Mich.*
falcata
lobata } *Auth.*
obtusiloba } *Mich.*
canescens
The variety of oaks are innumerable.
h Rhamnus pensylvanicus
Rhododendron maximum
punctatum }
aromaticum }
Auth.
Rhus copalinun
glabrum
e. typhinum
g. vernix
o. radicans
toxicodendron
aromaticum

RIBESIA INERMIA.

a. Ribes floridum

GROSSULARIÆ ACULEATÆ.

Ribes oxyacanthoides
cynosbati

Robenia pseudacacia
hispida
viscosa
Rosa palustris

Rosa carolina } *Willd.*
corymbosa } *Young.*
pensylvanica }
parviflora } *Willd.*
Rubus hispidus
occidentalis
odoratus
prostratus *DewBerry Auth.*
coccineus }
vel montanus } *Auth*

Salix falcata }
vel fragilis }
canescens } *Auth.*
pumila
caudata
Sambucus americana
rubra }
vel canadensis }
apiifolia
var. variegated
Sideroxylon sericeum } *Walt.*
læve
Smilax rotundifolia
caduca
laurifolia
pseudochina
pseudosarsaparilla *Auth*
herbacea
annua
Sorbus americana
Spiræa opulifolia
salicifolia
montana
tomentosa
hypericifolia
Stewartia malachodendron
Styrax grandifolium
læve
Styrax parvifolium *Auth.*
Taxus procumbens *Auth.*
Thuja occidentalis
Tilia americana

VACCINIUM.

Ord. I. FOLIIS DECIDUIS.

Vaccinium arboreum
stamineum
frondosum
racemosum
uliginosum
hirtum
mucronatum
corymbosum
viride *Auth.*

Ord. II. FOLIIS SEMPERVIRENTIBUS.

Vaccinium macrocarpon
buxifolium

Viburnum arboreum
prunifolium
dentatum
nudum
lente
opulifolium
acerifolium
pubescens
levigatum *Auth.*
Viscum album *(Misletoe) grows on Nyssa, Acer-virginicum.*
Vitis occidentalis } *Auth.*
labrusca }
vulpina
var. black
red
white
taurina

a. Vitis serotina* } *Auth.*
alexandria }
blandia }
The varieties are infinite.
Ulmus americana
a. Ulmus viscosa
§ i. Yucca aloefolia
o. Zanthorhiza apiifolia
a. Zanthoxylon virginianum
clava herculis

HERBACEOUS.

a. ACALYPHA virginica
Acnida cannabina
Aconitum napellus
Actæa racemosa
spicata
var. white-berry
blue
Æschynomone palustris
Agave virginica
Agrimonia pensylvanica
Aletris farinosa
aurea
g. Alisma subulata
cordifolia
a. Allium canadense
virginicum† } *Auth.*
latifolium }
rupestre }
Amaryllis atamasco
Amaranthus luridus
retroflexus
hypochondriacus
Amaranthus aculeatus } *vel* spinosus }
albus
hybridus
Ambrosia trifida
artemisiifolia
g. Ammannia ramosior
a. Anchusa virginica
Anemone thalictraoides
hepatica
virginiana
dichotoma
pensylvanica
quinquefolia
Angelica atrapurpurea
lucida
Anthemis cotula
Antirrhinum elatine
canadense
Apocynum androscemifolium
hypericifolium.
cannabinum
Aquilegia canadensis

* Winter or Chicken grape.

† Broad-leafed garlic.

Arabis rupestris
lyrata } *Auth.*
bulbosa
canadensis
agrestis
Aralia nudicaulis
racemosa
Arethusa bulbosa
ophioglossoides
divaricata
b. Argemone mexicana
a. Aristolochia serpentaria
Arum dracontium
triphyllum
virginicum
Asarum canadense
virginicum
Asclepias tuberosa
decumbens
serica } *Auth.*
syriaca }
incarnata
purpurascens
variegata
pulchra
verticillata
amœna }
quadrifolia } *Aut*
undulata
rubra
b. Aster dumosus
ericoides (*Multiflorus. Willd.*)
tenuifolius
linifolius
concolor
grandiflorus
squarrosus
lævis
tradescanti
tardiflorus
novæangliæ

b. Aster patens
diffusus
mutabilis
corymbosus
cordifolius
linarifolius
Astragalus canadensis
Atriplex halimus
laciniata
dumosus

g. Bartsia coccinia
a. Bidens frondosa
bipinnata
Buchnera americana
Bunias cakile
Buphthalmum helianthoides

Cacalia hastata
suaveolens
atriplicifolia
b. Cactus opuntia
g. Calitriche verna *Grows in water near springs.*
terrestris *in moist sandy soil in shade.*
g. Caltha palustris
b. Campanula americana
tenilla
perfoliata
Canna indica
glauca }
lutea } *Auth.*
Cardamine virginica
Carduus spinosissimus
carolinianus
virginianus
Cassia nictitans
chamæcrista
marylandica

b. Cerastium semidecandrum
Chelone glabra
hirsuta
penstemon
Chenopodium anthelminticum
Chironia angularis
Chrysosplenum oppositifolium *in runs of water*
a. Cicuta maculata
bulbosa
Circæa canadensis
Cistus canadensis
Claytonia virginica
Clematis viorna
crispa
virginica
ochroleuca
verna
hybrida *Auth.*
Cleome pentaphylla
dodecandra *(Viscosa. Hort. Kew.)*
Clinopodium vulgare
incanum
rugosum
Clitoria virginica
pensylvanica *Auth.*
mariana
Cnicus ochroleucus *Auth.*
Collinsonia canadensis
Commelina communis
virginica
Convallaria bifolia
majalis
polygonatum
racemosa
stellata
a. Convolvulus panduratus
arvensis
carolinus
nil? *Willd.*

a. Convolvulus batata
spithamæus
repens
Coreopsis coronata? *(Octopetala Auth.)*
auriculata
tripteris
bidens
alternifolia
frondosa
aurea *Auth.*
crassifolia
b. Crotalaria sagittalis
a. Cucubalus behen
stellatus
Cunila pulegioides
mariana
Cuphea viscosissima *Jacq.*
Cuscuta americana *on other vegetables*
Cynanchum atrapurpureum *Auth.*
suberosum *Clayt.*
Cynoglossum virginicum
Cypripedium acaule
flavum
album
pumilum
reginæ *Auth.*

Datura stramonium
Daucus sylvestris
Delphinium exaltatum
vernale *Auth.*
Dentaria laciniata
Diodea virginica
g. Dionæa muscipula
a. Dioscorea villosa
Dodecatheon meadia
Dolichos regularis
polystachyos

b. Draba vernalis
a. Dracæna borealis
Dracocephalum virginicum
f. Dracontium fœtidum
Drosera rotundifolia
caulescens *Auth.*
graminifolia *Ham.*

b. Elephantopus scaber
a. Epilobium angustifolium
speciosum *Auth.*
Erigeron canadense
g. camphoratum
a. heterophyllum
philadelphicum
bellidifolium
g. Eryngium aquaticum
a. fœtidum
Erysimum officinale
Erythronium maculatum (*Auth.*
dens canis (*Syst. Veg.*
Eupatorium perfoliatum
sessilifolium
album
lanceolatum
melissoides
rotundifolium
hastifolium *Auth.*
altissimum
trifoliatum
purpureum
cœlestinum
aromaticum
scandens
ageratoides
Euphorbia picta *Auth.*
cyathiphora *Willd.*
maculata

d. Euphorbia corollata
polygonifolia
ipecacuanha

Fragaria elatior
virginiana
Fumaria fungosa
sempervirens
glauca *Ham.*

Galega virginica
Galium trifidum
tinctorium
bermudianum
Gaura biennis
Gentiana saponaria
ochroleuca
villosa
linearis
alba
crinita
Geranium maculatum
carolinianum
b. Gerardia flava
a. purpurea
b. pedicularia
tenuifolia
Geum virginianum
a. Glycine apios
comosa
monœca
angulosa
umbellata
tomentosa
Gnaphalium margaritaceum
plantaginifolium
undulatum
uliginosum
Gratiola virginica

b. Hedysarum canadense
canescens
marylandicum
viridiflorum
frutescens
violaceum
paniculatum
glutinosum
nodiflorum
prostratum
virginicum
a. Helenium autumnale
Helianthus multiflorus
canescens
decapetalus
strumosus
giganteus
Heliotropium indicum
Helleborus trifolius
f. Helonias asphodeloides
bullata
a. Heracleum giganteum *Auth.*
Heuchera americana
virginica
Hibiscus palustris
speciosus
carolinus
virginicus
floridanus
moscheutos
And many beautiful varieties.
Hieracium venosum
kalmii
gronovii
paniculatum
Auth.
Houstonia cerulæa
Humulus americanus *Auth.*
c. Hydrastis canadensis
g. Hydrocotyle umbellata
americana
e. Hydrophyllum virginianum
a. Hydrophyllum canadense
Hyoseris prenanthoides
virginica
Hypoxis erecta
Hypericum ascyroides
canadense
virginicum
corymbosum
punctatum
Auth.
mutilum
Hyssopus nepetoides
schrophulariifolius
purpurascens
Auth.
g. Impatiens noli-me-tangere
b. Inula mariana
a. Ipomea coccinia
incarnata
Iris versicolor
virginica
verna
cristata
hexigona
Kuhnia eupatoroides
Lactuca elongata
Lamium amplexicaule
b. Lechea minor
major
Lemna polyrhiza *on the surface of waters*
a. Leontice thalictroides
Lepidium virginicum
Liatris squarrosa
scariosa
spicata
Lilium superbum
canadense
philadelphicum
Limodorum tuberosum
Lindernia pyxidaria

a. Linum virginianum
Lithospermum virginianum
Lobelia cardinalis
siphilitica
inflata
kalmii
Ludwigia alternifolia
Lupinus perennis
Lycopus virginicus
elatior *Auth.*
Lysimachia stricta
quadrifolia
punctata
ciliata

Malaxis ophioglossoides
liliifolia
} *Willd.*

Malva caroliniana
Martynia annua
Medeola virginica
Medicago lupulina
Melanthium virginicum
muscætoxicum *Walt.*
lætum
phalangioides
Mentha canadensis
f. Menyanthes trifoliata
nymphoides
Mimosa virgata
miamensis *vel* mutabilis *Auth.*
intsia
Mimulus ringens
alatus
Mitella diphylla
Mollugo verticillata
Momordica echinata
Monarda didyma
fistulosa
oblongata

a. Monarda clinopodia
punctata
Monotropa hypopithys
uniflora
Myositis virginica
scorpioides
Napæa dioica
hermaphrodita
Nelumbium luteum *grows in lakes and ponds*
Neotia pubescens
cernua
} *Willd.*
q. Nepeta virginica
Nicotiana rustica
tabacum
paniculata
Nymphæa advena *on the shores of rivers and in ponds.*
odorata
alba
} *in ponds.*
a. Obolaria virginica
Oenothera biennis
parviflora
grandiflora
fruticosa
pumila
c. Oldenlandia uniflora
Orchys ciliaris
cristata
viridiflora
virescens
} *Auth. Mich.*
spectabilis
fimbriata
a. Origanum vulgare
c. Orobanche virginica
uniflora
Orontium aquaticum *in runs of water.*
a. Oxalis violacea
stricta
corniculata

h. Panax quinquefolium
a. trifolium
Pancratium mexicanum
carolinianum
Parnassia americana *Auth.*
Passiflora incarnata
lutea
Pedicularis canadensis
Penthorum sedoides
Phlox paniculata
maculata
subulata
ovata
suaveolens
pilosa
divaricata
Phryma leptostachya
a. Physalis viscosa
pubescens
Phytolacca decandra
Pinguicula cerulæa
lutæa
alba
Plantago virginica
e. Podophyllum peltatum
f. diphyllum†
Polemonium virginicum
a. Polygala incarnata
senega
rubella
lutea
viridescens
a b. sanguinea
a. verticillata
cruciata
Polygonum virginicum (*P. rostratum. Muh.*)
pensylvanicum
erectum
articulatum
f. Polygonum aquaticum
a. sagittatum
arifolium
scandens
rubrum (*P. amphibium. Auth.*)
a. Polymnia uvedalia
canadensis
tetragonotheca
Polypremum virginicum
Pontederia cordata *in bogs and ponds*
Portulaca prostrata *Auth. Common purslain.*
Potamogeton gramineum *in water.*
cordatum
lanceolatum
a. Potentilla frutescens *Auth.*
b. canadensis
pensylvanica
reptans
a. Prenanthes altissima
rubicunda
alba
f. Proserpinaca palustris
b. Prunella grandiflora
a. Pulmonaria virginica

Queria canadensis

Ranunculus abortivus
pensylvanicus
aquatilis *in water.*
a. maculatus
graminifolius
lanceolatus
nitidus
Rhexia mariana
virginica

† Jeffersonia binata. *Bart.*

Ricinus communis
Rudbeckia laciniata
triloba
fulgida
b. purpurea
a. Ruellia strepens
Rumex acetosella
sanguineus
verticillatus
persicaroides
f. Sagittaria sagittifolia
lancifolia
b. Salvia lyrata
c. Sanguinaria canadensis
a. Sanguisorba media
canadensis
Sanicula marylandica
canadensis
f. Sarracenia purpurea
flava
b. Sarothra gentianoides
f. Saururus cernuus
a. Saxifraga pensylvanica
nivalis (*S. rupestris. Auth.*)
Scandix procumbens
suaveolens } *Auth.*
vel odorata }
Scrophularia marylandica
Scutellaria lateriflora
integrifolia
hyssopifolia
e. Sedum virginicum } *Auth.*
pusillum }
a. Senecio hieracifolius
canadensis
aureus
Sicyos angulata
Sida abutilon
spinosa
rhombifolia
Sigesbeckia occidentalis

b. Silene antirrhina
incarnata *Auth.*
virginica
a. Silphium laciniatum
terebinthinaceum
perfoliatum
verticillatum *Auth.*
Sisymbrium nasturtium
Sium rigidius
Smyrnium aureum
integerrimum
Solanum nigrum
caroliniense
Solidago canadensis
mexicana
gigantea
lateriflora
rugosa
patula
sempervirens
stricta
cæsia *Auth.*
lanceolata
rigida
lævigata
b. suaveolens *Auth.*
With innumerable varieties.
a. Sonchus canadensis
macrophyllus *Willd.*
floridanus
g. palustris
a. Sophora australis } *Podalyria.*
tinctoria }
alba } *Willd.*
Spigelia marylandica
Spiræa trifoliata
aruncus
lobata
Stachys canadensis
Stellaria stricta *Auth.*
b. Stylosanthes elatior

a. Tabernæmontana amsonia
Teucrium canadense ✕
virginicum
Thalictrum dioicum
purpurascens
Thapsia trifoliata
Thesium umbellatum
Thymus virginicus
Tiarilla cordifolia ✕
Tillandsia usneoides *on trees.*
a. Tradescantia virginica
Trichostema dichotoma
b. Trifolium reflexum
comosum
arvense
Trillium sessile ✕
pudicum ✕ *Auth.*
erectum
mutabile ✕ *Auth.*
grandiflorum ✕ *Ham.*
And several varieties.
Triosteum perfoliatum
a. Valeriana locusta ✕
Vallisneria americana *Auth.*
(In rivers.)
Veratrum luteum*
viride
Verbena hastata
urticifolia
caroliniana
Verbesina virginica ✕
Vernonia prealta ✕
noveboracensis
b. Veronica virginica
officinalis
serpyllifolia
marylandica
arvensis
a. Vicia pucilla *Auth.*
Viola palmata
pedata
lanceolata
primulifolia
hirta
canadensis
cordata
cucullata
pseudotricolor *Auth.*
pallida
sagittata
stricta
viridiflora *Auth.*
vel micrantha
Urtica pumila
canadensis
Utricularia alba
Uvularia perfoliata
sessilifolia

o. Xanthium strumarium
a. Yucca filamentosa
gloriosa
Zanichellia palustris.

* Walter, in his Flora Caroliniensis, has made this a species of Melanthium; but we are of opinion that this beautiful plant belongs to neither of these genera, and should constitute a new family, —— dioica.

GRASSES.

a. Acorus calamus
Agrostis virginica
Andropogon divaricatum
nutans
alopecuroides
virginicum
bicorne
Anthoxanthum odoratum
Arundo palustris *Auth.*
gigantea } *Walt.*
tecta }
Avena pensylvanica
♂ spicata

Bromus purgans
ciliatus

Carex squarrosus
capillaris
panicea
foliculata
pseudocyperus
comata
Cenchrus tribuloides,
Cinna arundinacia
Cynosurus indicus
Cyperus odoratus
compressus
strigosus
Dactylis cynosuroides
Elimus virginicus
canadensis
philadelphicus
Eriocaulon decangulare
Eriophorum virginicum
cyperinum
Hordeum jubatum

Juncus effusus
filiformis
campestris
pilosus
Muhlenburghia stricta
divaricata
vel diffusa
Panicum glaucum
filiforme
dichotomum
capillare
latifolium
clandestinum
virgatum
sanguinale
Paspalum distichum
Phalaris oryzoides *Syst. veg.*
Leercia oryzoides? Willd.
Poa flava
b. capillaris
compressa
viridis
Schoenus spathaceus
coloratus
glomeratus
Scirpus capitatus
retrofractus
Sparganium erectum
Stipa avenacea
Tripsacum dactyloides
Typha americana *in marshes*
i. Uniola paniculata
spicata
a. Xyris indica
b. Zea mays
Zizania palustris *in marshes.*

PALMÆ, INCLUDING FERNS.

Ord. I. PALMÆ.

a. Corypha pumila

Ord. II. FILICES.

b. Acrostichum polypodioides
areolatum
Adiantum pedatum
Asplenium rhizophyllum
on rocks.

a. Blechnum virginicum
Equisetum arvense
scabrum *a.* limosum *in marshes.*
Onoclea sensibilis
Ophioglossum vulgatum
Osmunda virginiana
regalis
lunaria
claytoniana
cinnamomea

b. Polypodium lanchites *vel*
auriculatum
virginianum
marginale

a. Pteris atrapurpurea
caudata

MOSSES.

Ord. I. MUSCI.

Bryum capillaceum
heteromallum
cirratum
pyriforme
abietinum
stellare

Hypnum delicatulum
crista castrensis
curtipendulum
julaceum
serpens

Lycopodium rupestre
Lycopodium alopecuroides
obscurum
complanatum
apodum
With other species.
Mnium lichenastrum
simplex
Polytrichum commune
rubens
Porella perforata
Sphagnum palustre
imbricatum

Ord. II. ALGÆ.

Byssus juniperinus

Conferva fucoides
cervina
Jungermania platiphylla
furcata
Lichen inscripta
fusco-atra
palescens
stellaris
ciliaris
velleus
proboscideus
cornucopioides
Lichen pixidatus

BRANCHY.

Lichen rangiferinus
fragilis
plicatus
barbatus
pulmonarius
Marchantia polymorpha
tenella
fimbriata
fragrans

FUNGI.

Agaricus esculentus
pucillus
fimbriatus
fasciculatus
integer
aurantiacus
sanguineus
mammosus
Boletus perennis
Boletus esculentus
Lycoperdon Tuber
pyriforme
minus
Peziza lentifera
Phallus reticulatus
impudicus
rubens

EXOTICS.

TREES AND SHRUBS.

ACER pseudoplatanus
Æsculus hippo-castanum
Amygdalus persica
pumila *(flowers double.)*
§ Arbutus unedo
Artemisia absinthium
abrotanum
vulgaris
Aucuba japonica
§ Azalea pontica

Buxus sempervirens
var. variegata
pumila
Camelia japonica
Capsicum baccatum
Cercis siliquastrum
§ Citrus medica
aurantium *vel* sinensis
var. myrtifolia
sevil
bitter-sweet
double-flowered
Colutea arborescens
frutescens

Cornus mascula *(Cornelian cherry.)*
§ Coronilla cretica
Corylus avillana
Crategus aria
oxyacantha
§ Croton sebiferum
§ Cupressus sempervirens
§ Cycas revoluta *(Sago tree.)*
Cytisus capitatus
laburnum

§ Daphne indicum
§ mezereum
§ ceneorum
§ pubescens

§ Ficus carica
Fraxinus excelsior
§ Fuchsia coccinia

§ Gardenia florida

Hedera helix
Hibiscus syriacus
double flowered and varieties
§ Hydrangea hortensis

Hypericum ponticum

Jasminum officinale
§ grandiflorum
fruticans
Juglans regia
Juniperus communis
sabina
§ Justicia adhatoda

Lagerstrœmia indica
Lavendula spica
Ligustrum vulgare
Lonicera caprifolium
periclimenium
var. quercinum
variegatum
Lycium europeum

§ Magnolia obovata
Melia azedarach
Mimosa julibrescens
Morus alba
papyrifera
§ Myrtus communis
§ Nereum oleander
§ var. flore pleno
§ flore albo pleno
§ Passiflora cerulæa
Pelargonium ——
Many species and varieties.
Periploca græca
Philadelphus coronarius
Pinus sylvestris
cembra
larix
picea *(silver fir.)*
abies
Platanus orientalis
Populus dilatata
Prunus domestica
spinosa
Prunus cerasus
§ Punicum granatum
var. flo. plen.
flo. flav.
Pyrus communis
malus
cydonia
baccata *(Siberian crab.)*
Quercus robur
Rhamnus catharticus
paliurus
zizyphus
§ Rhododendron ponticum
Rhus cotinus
Ribes rubrum
var. album
grossularia
var. uva-crispa
Rosa sulphurea
cinnamomea
lutea
arvensis
pimpinellifolia
villosa
sinica
provincialis
centifolia
gallica
prænestina *(flowers variegated.)*
damascena
pumila
rubiginosa
muscosa
canina
alba
§ chinensis
§ semperflorens, &c.
&c.
§ Rosmarinus officinalis
Rubus idæus

Ruscus androgynus
Ruta graveolens
Salix babylonica
vitellina
amygdalina
pentandra
purpurea
Salvia officinalis
§ Seriscia fœtida
Solanum dulcamara
§ pseudocapsicum
Sorbus domestica
aucuparia
Spartium scoparium
junceum
§ Sterculia fœtida
Syringa vulgaris
Syringa var. fl. albo
persica
Taxus baccata
§ Thea viridis
§ bohea
Thuja orientalis
Thymus serpyllum
vulgaris
§ Verbena triphylla
§ Viburnum tinus
opulus
Vitis vinifera (*various sorts.*)
Ulex europæus
Ulmus campestris
§ Westringia rosmarinifolia

HERBACEOUS.

Adonis autumnalis
§ Agave americana
var. variegated
Agrostema githago
coronaria
Alcæa ficifolia
rosea
Allium porrum
obliquum
sativum
cepa
moly
Allium fistulosum
schænoprasum
§ Aloe perfoliata
§ margaritifera
§ verrucosa
§ lingua
§ variegata
§ retusa
§ dichotoma
Alsine media
Althea officinalis
Amaranthus sanguineus

Amaranthus melancholicus
Amaryllis lutea
§ formosissima
§ sarniensis
§ reginæ
Anagallis arvensis
Anemone patens
hortensis
Anethum feniculum
Angelica archangelica
Anthemis nobilis
Antirrhinum majus (*and varieties.*)
linaria
Apium petroselinum
graveolens
Aquilegia vulgaris (*and varieties*)
Arachis hypogæa
Arctium lappa
Asparagus officinalis
Asphodelus luteus
ramosus
Atriplex hortensis
Atropa physaloides
Avena elatior
sativa

Bellis perennis (*and varieties*)
Beta vulgaris
Betonica officinalis
Blitum capitatum
Borago officinalis
Brassica capitata (*and many varieties.*)
rapa
§ Cactus ficus indicus
§ tetragonus
§ flagelliformis
§ melocactus
§ tuna

Calendula officinalis
var. flo. pleno
flo. simplici
Cannabis sativa
Capsicum annuum
Cardamine iberis
Cardiospermum halicacabum
Carthamus tinctorius
Carum carvi
Celosia cristata
var. yellow
margaritacea
Centauria cyanus
pectinata
§ Cheiranthus cheiri
var. flo. pleno
§ incanus
var. flo. pleno
Chelidonium majus
corniculatum
hybridum
Chenopodium vulvaria
botrys
§ Chelone barbata
Chrysanthemum indicum
leucanthemum
Cochlearia officinalis
armoracea
Colchicum officinale
var. flo. pleno
variegatum
Conium maculatum
Convallaria majalis
Convolvulus purpureus
arvensis
Coriandrum sativum
Crocus vernus (*varieties in colour.*)
officinalis
Cucubalus behen

Cucumis sativus *(varieties.)*
anguria
melo *(varieties.)*
Cucurbita lagenaria *(varieties.)*
citrullus
pepo
verrucosa
melopepo
§ Cyclamen europeum
§ persicum
Cynaria scolymus

Daucus carota
Delphinium consolida
var. flo. pleno.
Dianthus barbatus
carthusianorum
chinensis
caryophyllus
plumarius
Dictamnus alba
var. purpurea
Digitalis purpurea
var alba
ferruginea
Dipsacus fullonum
Dolichos sinensis
soja
§ Dracocephalum canariense

Echinops sphaerocephalus
Erythronium dens canis
var. rubrum
Euphorbia lathyris

Fragaria vesca
Fritillaria imperialis
var. flava
meliagris
Fumaria fungosa
Fumaria officinalis

Galanthus nivalis
var. fl. pleno
Galega officinalis
Geranium moschatum
cicutarium
sanguineum
Gladiolus communis *(and other species.)*
Glechoma hederacea
Glycirrhiza glabra
Gomphrena globosa
Gossipium herbaceum

Heliotropium europeum
Heleborus hiemalis
viridis
Hemerocallis fulva
flava
Hibiscus trionum
manihot
esculentus
Holcus sorghum
laxus
Hordeum vulgare
Humulus lupulus
Hyacinthus comosus
monstrosus
muscari
scriptus
cernuus
botryoides
orientalis
Hyoscyamus niger
Hyssopus officinalis

Impatiens balsamina
Inula helenium
Ipomæa quamoclit
dissecta

Iris pumila
susiana
florentina
sambucina
germanica
ochroleuca
persica
siberica
§ pavonia
xiphioides
xiphium
lutea
variegata
Isatis tinctoria
Ixia chinensis
§ hyalina
§ maculata
§ crocata
And several other species.

Lactuca sativa
var. romana
And numerous varieties.
Lathyrus latifolia
Leontidon taraxacum
Leonurus cardiaca
sibiricus
Lepidium iberis
Leucojum æstivum
Ligusticum levisticum
Lilium candidum
bulbiferum
martagon
Linum usitatissimum
Lolium temulentum
Lunaria annua
Lupinus lutæus
Lychnis dioica
chalcedonica

Malva rotundifolia
Malva mauritana
crispa
alcæa
Marubium vulgare
Matricaria parthenium
var. flo. pleno.
Melissa officinalis
Mentha viridis
piperita
citrata
§ Mesembryanthemum crystallinum
§ cordifolium
§ Mimosa pudica
Mirabilis jalapa
Momordica charantia

Narcissus poeticus
pseudo-narcissus
bicolor
minor
jonquilla
odorus
tazetta
bulbocodium
triandrus
And many varieties.
Nepeta cataria
Nigella damascena
Ocymum basilicum
Origanum vulgare
majorana
Ornithogalum umbellatum
Oryza sativa
Pæonia officinalis
Papaver rhæas
dubium
And varieties.
Pastinaca sativa
Phalaris canariensis
Phaseolus vulgaris

Phaseolus lunatus
semierectus
coccineus
Pisum sativum *(varieties.)*
Plantago major
Polyanthes tuberosa *(double.)*
Polygonum orientale
aviculare
fagopyrum
Portulaca oleracea *(white and green.)*
Potentilla argentea
Primula auricula
veris
farinosa
cortusoides
And endless varieties.
Ranunculus ficaria (*double.*)
bulbosus
Raphanus sativus
Reseda luteola
odorata
Rheum undulatum
raponticum
compactum
Rumex sanguineus
crispus
obtusifolius
patientia
Salvia sclarea
Saponaria officinalis
Scabiosa atrapurpurea
Scandix cerefolium
Scilla campanulata
Secale cereale
Sedum telephium
Sempervivum tectorum
Sida cristata
Silene armorea
Sinapis nigra
Solanum melongena
Solanum lycopersicum
Spilanthus oleracea
Spinacia oleracea
Stachys lanata
Symphytum officinale

Tagites erecta
patula
Tanacetum vulgare
Thalictrum minus
Thlaspi bursa pastoris
Tragopogon porrifolium
Trifolium repens
hybridum
officinale
Triticum æstivum
hybernum
compositum
spelta
Tropeolum majus
Tulipa gesneriana
And innumerable varieties.
Tulipa sylvestris
Tussilago farfara
petassites
Valeriana phu
rubra
Verbascum thapsus
thapsoides
blattaria
Veronica spicata
officinalis
agrestis
Viscia faba (*and varieties.*)
Vinca major
minor
var. variegata
Viola odorata
var. flo. pleno
tricolor(*and varieties.*)
Zinnia multiflora
Red and Yellow.

FINIS.